



Reliability & Communication Testing Instruments

KING DESIGN INDUSTRIAL CO., LTD.
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VIBRATION LABORATORY
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TESTING / INSPECTION REPORT

DATE : April 02,2003
REPORT NO : ST-030402-1

COMPANY : AAEON Technology Inc.
5F, No.135, Lane 235, Pao Chiao Rd.
Hsin-Tien City, Taipei, Taiwan, R. O. C.
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SPECIMEN : AMB-280A

TEST / INSPECTION ITEMS : Shock Test (See Page 2)

REMARKS :

- The results only apply to the device under test.
- This report is 9 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling pulse of shock test.

Test Engineer : <i>Chi Ping Chan</i>	
Approved by : <i>2003.4.4. Dave Lee</i>	Laboratory Head : <i>2003/4/4 Hung Chen L.</i>



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TESTING EQUIPMENT :

1. Shock Tester : KING DESIGN (KD-9363-600F2K-50N120,
S/N: KDS11054783)
2. Controller : DACTRON (DSC System Version 0.922, S/N: 635651)
3. Control Accelerometer : Wilcoxon Research (WR-777, S/N: 3425)

TEST ENVIRONMENT :

Temperature : 23±2°C
Humidity : 70±20% RH

SPECIMEN :

Model : AMB-280A
Quantity : 1 piece

SHOCK TEST SPECIFICATION :

Wave Form : Half sine wave (Operating)
Acceleration : 15 g
Duration Time : 11 ms
No. of Shock : Each axis 3 times
Shock Direction : +X, -X, +Y, -Y, +Z, -Z axis

TEST RESULT :

Appearance check : No damage
Function check : Normal



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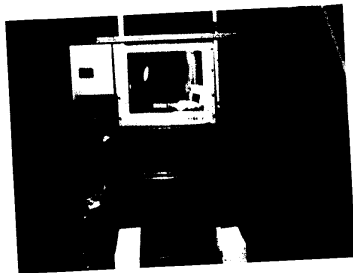
TESTING / INSPECTION REPORT

Testing photos

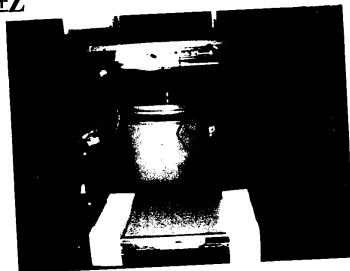
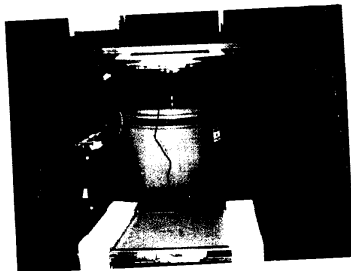
AXIS \pm X



AXIS \pm Y



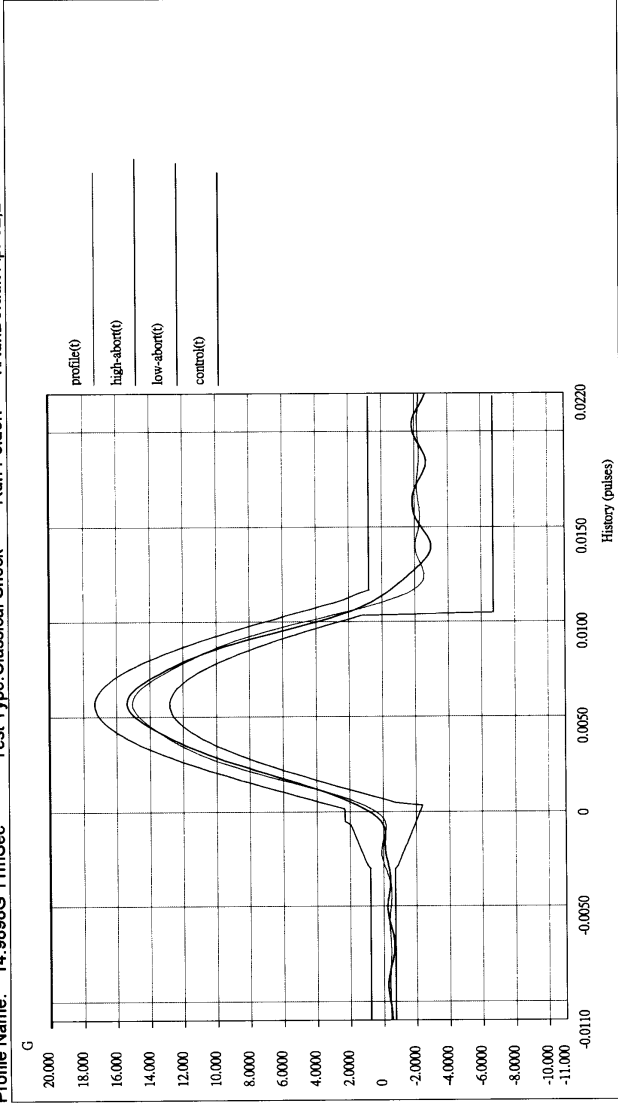
AXIS \pm Z



Axis X

Project File Name: 研揚 15G 11ms.prj

Profile Name: 14.9898G 11mSec Test Type:Classical Shock Run Folder: .RunDefault Apr 02,2003 14-15-49



Level: 100 % Block Size: 4096 Elapsed Pulses:11

Frame Time: 0.682667 Seconds Control Peak: 15.322408 G Control RMS: 1.490665 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0

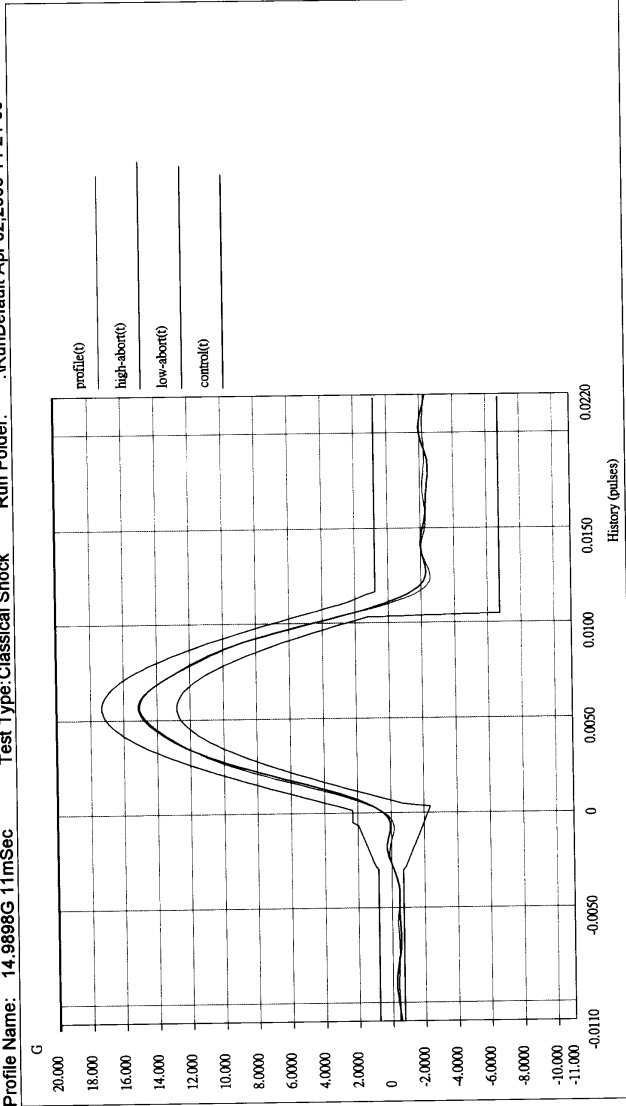
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms

Data saved at 02:16:08 PM, Wednesday, April 02, 2003 Report created at 02:16:10 PM, Wednesday, April 2, 2003

Axis -x

Project File Name: 研振 15G 11ms.prj

Profile Name: 14.9898G 11mSec Test Type:Classical Shock Run Folder: .\RunDefault Apr 02,2003 14:24:00

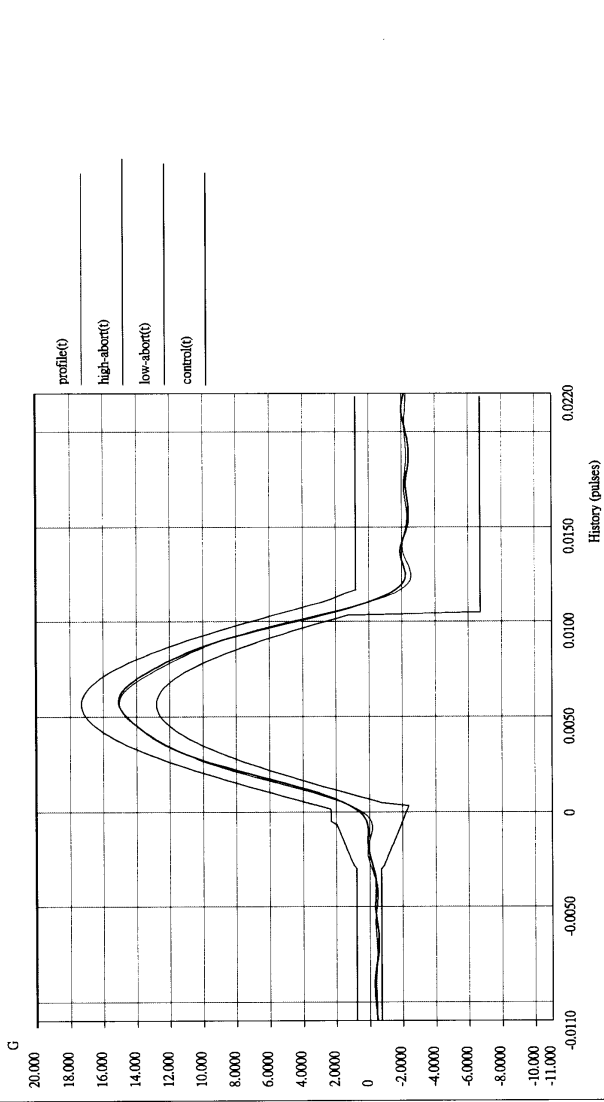


Level: 100 % Block Size: 4096 Elapsed Pulses:10
Frame Time: 0.882667 Seconds Control Peak: 15.064440 G Control RMS: 1.489156 G Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms
Data saved at 02:24:17 PM, Wednesday, April 02, 2003 Report created at 02:24:18 PM, Wednesday, April 2, 2003

Axis y

Project File Name: 研揚 15G 11ms.prj

Profile Name: 14.9898G 11mSec Test Type:Classical Shock Run Folder: .RunDefault Apr 02,2003 14:24-22



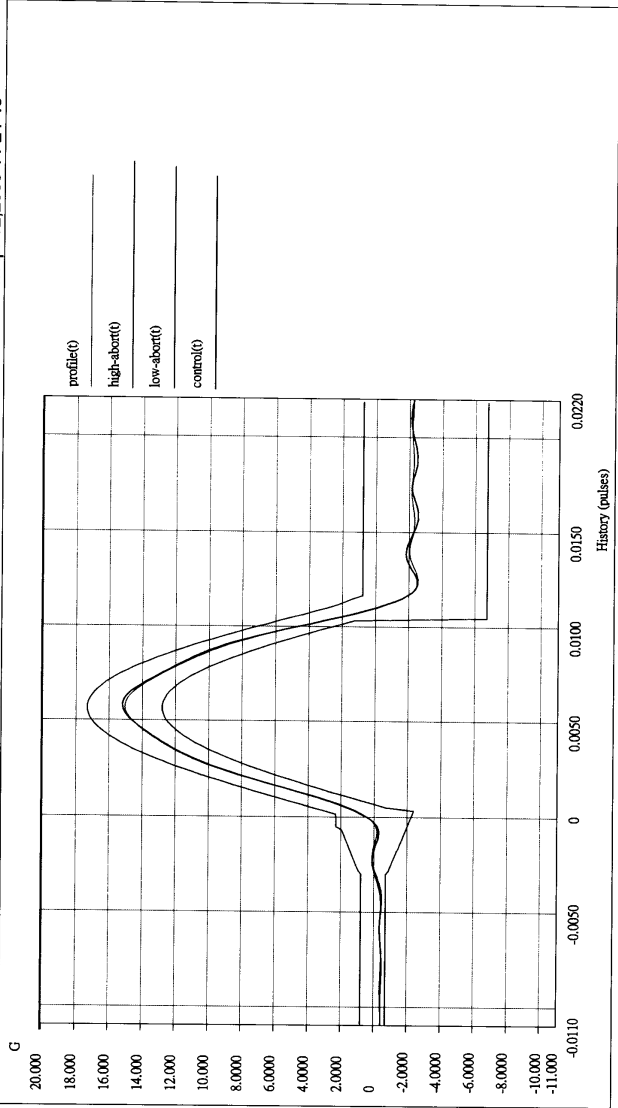
Level: 100 % Block Size: 4096 Elapsed Pulses: 10
Frame Time: 0.682667 Seconds Control Peak: 15.031219 G Control RMS: 1.491139 G Full Level Elapsed Pulses: 3
dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms

Data saved at 02:24:40 PM, Wednesday, April 02, 2003 Report created at 02:24:41 PM, Wednesday, April 2, 2003

Axis-y

Project File Name: 研揚 15G 11ms.prj

Profile Name: 14.9898G 11mSec Test Type: Classical Shock Run Folder: .\RunDefault Apr 02, 2003 14-24-43



Level: 100 % Block Size: 4096 Elapsed Pulses: 10

Frame Time: 0.682667 Seconds Control Peak: 15.138345 G Control RMS: 1.497029 G Full Level Elapsed Pulses: 3

dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0

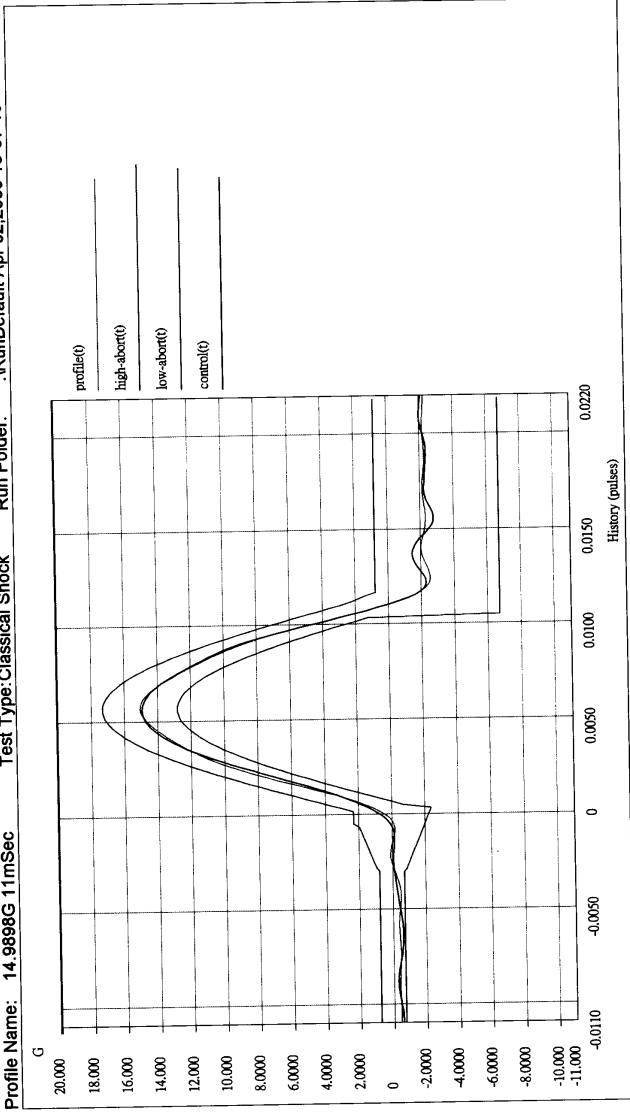
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms

Data saved at 02:25:01 PM, Wednesday, April 02, 2003 Report created at 02:25:02 PM, Wednesday, April 2, 2003

Axis Z

Project File Name: 研揚 15G 11ms.ptj

Profile Name: 14.9898G 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 02, 2003 13:57:19

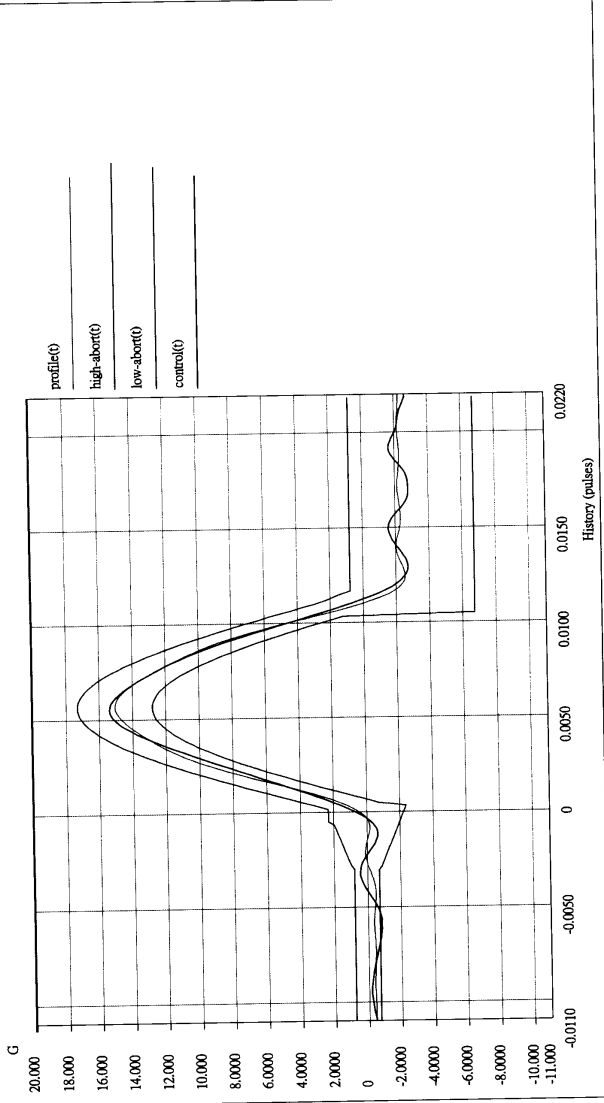


Level: 100 % Block Size: 4096 Elapsed Pulses: 10 Full Level Elapsed Pulses: 3
Frame Time: 0.682667 Seconds Control Peak: 14.863202 G Control RMS: 1.488453 G
dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms
Data saved at 01:57:34 PM, Wednesday, April 02, 2003 Report created at 01:57:45 PM, Wednesday, April 2, 2003

Axis -z

Project File Name: 研揚 15G 11ms.ptj

Profile Name: 14.9898G 11mSec Test Type: Classical Shock Run Folder: .RunDefault Apr 02, 2003 13:59:45



Level: 100 % Block Size: 4096 Elapsed Pulses: 10 Full Level Elapsed Pulses: 3
Frame Time: 0.682667 Seconds Control Peak: 15.331326 G Control RMS: 1.490524 G Remaining Pulses: 0
dT: 0.000167 Seconds Demand Peak: 14.989799 G Demand RMS: 1.479621 G Remaining Pulses: 0
Pulse Type: Half Sine Amplitude: 14.989799 G Pulse Width: 11.000001 ms
Data saved at 02:00:09 PM, Wednesday, April 02, 2003 Report created at 02:00:10 PM, Wednesday, April 2, 2003